CIVIL TECH LABS
5, 1st Cross, Srinivasa Colony, Mission Road, Bangalore - 560027
Ph: 080 - 4114 2867, Email: civiltechlabs@gmail.com

TEST REPORT

COMPRESSIVE STRENGTH TEST ON CONCRETE CUBES

Name & Address of the Customer	AEE, Shettyhalli Sub Division BBMP.
Name of the project	Consultancy services for Construction Supervision, Project management and Quality control for the 2 works in **Dasarahalli Division Package-01**
Name of Work	Improvements and Asphalting to Babanna Layout new vegetable market surrounding area roads in Ward No 12, Shettyhalli Sub divison
Name of Agency	M/s. K. R. I. D. L.
Grade of Concrete	M-15
No. of cubes tested	3
Dimension of Specimen	150mmx150mmx150mm
Cross Sectional Area	22500 mm²
Technical Reference	IS: 516-1959 (Reaffirmed 2013)

Sl. No.	Identification	Date of Casting	Date of Testing	Age at test (Days)	Weight (Kg)	Failure Load (KN)	Compressive Strength (N/mm²)	Avg Compressive Strength (N/mm²)
1	CC-Work (Precast Slab 100mm Thick)	12/03/2019	09/04/2019	28	8.22	350	**15.56**	**15.78**
2					8.23	355	**15.78**	
3					8.25	360	**16.00**	

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Khushboo
(KHUSHBOO. L.)
Quality Manager

CIVIL TECH LABS BANGALORE

AE-12

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ಬಾಪೂಜಿನಗರ ವಲಯ
ಪ್ರಭಾರ ಹೊಂಗಸಂದ್ರ ಮುತ್ಯಾಲಮ್ಮ ವಾರ್ಡ್
ನಂ. ಬಿಬಿಎಂಪಿ, ರಸ್ತೆ, ಬೆಂಗಳೂರು.

AE-12

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TEST REPORT

COMPRESSIVE STRENGTH TEST ON CONCRETE CUBES

Name & Address of the Customer	AEE, Shettyhalli Sub Division BBMP.
Name of the project	Consultancy services for Construction Supervision, Project management and Quality control for the 2 works in **Dasarahalli Division Package-01**
Name of Work	Improvements and Asphalting to Babanna Layout new vegetable market surrounding area roads in Ward No 12, Shettyhalli Sub divison
Name of Agency	M/s. K. R. I. D. L.
Grade of Concrete	M-20
No. of cubes tested	3
Dimension of Specimen	150mmx150mmx150mm
Cross Sectional Area	22500 mm²
Technical Reference	IS: 516-1959 (Reaffirmed 2013)

Sl. No.	Identification	Date of Casting	Date of Testing	Age at test (Days)	Weight (Kg)	Failure Load (KN)	Compressive Strength (N/mm²)	Avg Compressive Strength (N/mm²)
1	Sample-4	20/03/2019	17/04/2019	28	8.23	500	**22.22**	**22.44**
2					8.26	510	**22.67**	
3					8.25	505	**22.44**	

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AE ward 12

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TEST REPORT

COMPRESSIVE STRENGTH TEST ON CONCRETE CUBES

Name & Address of the Customer	AEE, Shettyhalli Sub Division BBMP.
Name of the project	Consultancy services for Construction Supervision, Project management and Quality control for the 2 works in **Dasarahalli Division Package-01**
Name of Work	Improvements and Asphalting to Babanna Layout new vegetable market surrounding area roads in Ward No 12, Shettyhalli Sub divison
Name of Agency	M/s. K. R. I. D. L.
Grade of Concrete	M-20
No. of cubes tested	3
Dimension of Specimen	150mmx150mmx150mm
Cross Sectional Area	22500 mm²
Technical Reference	IS: 516-1959 (Reaffirmed 2013)

Sl. No.	Identification	Date of Casting	Date of Testing	Age at test (Days)	Weight (Kg)	Failure Load (KN)	Compressive Strength (N/mm²)	Avg Compressive Strength (N/mm²)
1	CC-Work	21/03/2019	28/03/2019	7	8.23	330	**14.67**	**15.04**
2					8.25	340	**15.11**	
3					8.27	345	**15.33**	

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ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

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TEST REPORT

COMPRESSIVE STRENGTH TEST ON CONCRETE CUBES

Name & Address of the Customer	AEE, Shettyhalli Sub Division BBMP.
Name of the project	Consultancy services for Construction Supervision, Project management and Quality control for the 2 works in **Dasarahalli Division Package-01**
Name of Work	Improvements and Asphalting to Babanna Layout new vegetable market surrounding area roads in Ward No 12, Shettyhalli Sub divison
Name of Agency	M/s. K. R. I. D. L.
Grade of Concrete	M-20
No. of cubes tested	3
Dimension of Specimen	150mmx150mmx150mm
Cross Sectional Area	22500 mm²
Technical Reference	IS: 516-1959 (Reaffirmed 2013)

Sl. No.	Identification	Date of Casting	Date of Testing	Age at test (Days)	Weight (Kg)	Failure Load (KN)	Compressive Strength (N/mm²)	Avg Compressive Strength (N/mm²)
1	CC-Work	22/03/2019	29/03/2019	7	8.22	335	**14.89**	**15.26**
2					8.26	345	**15.33**	
3					8.27	350	**15.56**	

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TEST REPORT

COMPRESSIVE STRENGTH TEST ON CONCRETE CUBES

Name & Address of the Customer	AEE, Shettyhalli Sub Division BBMP.
Name of the project	Consultancy services for Construction Supervision, Project management and Quality control for the 2 works in **Dasarahalli Division Package-01**
Name of Work	Improvements and Asphalting to Babanna Layout new vegetable market surrounding area roads in Ward No 12, Shettyhalli Sub divison
Name of Agency	M/s. K. R. I. D. L.
Grade of Concrete	M-20
No. of cubes tested	3
Dimension of Specimen	150mmx150mmx150mm
Cross Sectional Area	22500 mm²
Technical Reference	IS: 516-1959 (Reaffirmed 2013)

Sl. No.	Identification	Date of Casting	Date of Testing	Age at test (Days)	Weight (Kg)	Failure Load (KN)	Compressive Strength (N/mm²)	Avg Compressive Strength (N/mm²)
1	Sample-4	23/03/2019	20/04/2019	28	8.21	510	**22.67**	**22.89**
2					8.23	515	**22.89**	
3					8.24	520	**23.11**	

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ರೆ.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರ

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TEST REPORT

DETERMINATION OF BINDER CONTENT FROM BITUMINOUS PAVING MIXTURE FOR QUALITY CONTROL - DENSE GRADED BITUMINOUS MACADAM MIX-GRADE 2

Name & Address of the Customer	AEE, Shettyhalli Sub Division BBMP.
Name of the project	Consultancy services for Construction Supervision, Project management and Quality control for the 2 works in **Dasarahalli Division Package-01**
Name of Work	Improvements and Asphalting to Babanna Layout new vegetable market surrounding area roads in Ward No 12, Shettyhalli Sub divison
Name of the Agency	M/s. K. R. I. D. L.
Date of Testing	02/04/2019
Technical Reference	ASTM: D2172/D2172M-17 - Test Method A - Centrifuge Extraction

Specification: As Per MORTH (5th Revision) Table 500-10, Minimum Bitumen Content for DGBM Grade-2 is 4.5%

Sl. No.	Description	Values
1	Weight of bituminous mixture before extraction test, **W_1 g**	**4000.0**
2	Total Weight of mineral aggregate obtained from centrifuge extractor, **W_2 g**	**3818.0**
3	Total weight of Bitumen extracted from the mixture, **W_3 g = (W_1-W_2) g**	**182.0**
4	Bitumen content in %, **(W_3/W_1) %**	**4.6**
Remarks	**Satisfies the requirement**	

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